

**Amendments to the Abstract**

Please replace the Abstract with the following amended Abstract.

Wireless communication structures and methods are provided that enhance range and performance via managed access to a wireless communication medium between system clients. The access is configured to maintain the low equipment costs and widespread equipment availability of standards-based communication systems. In particular, the structures include at least one antenna, a processor that spatially processes receive signals from the antenna, a media access controller that compares the age of receive location information with a predetermined time coherence, a location-information transformer that transforms the receive location information into transmit location information, and a transmit spatial processor configured to provide a transmit signal to the antenna that is spatially processed in accordance with the transmit location information if ~~said~~ the age is less than the time coherence and spatially processed in accordance with predetermined location information if the age exceeds the time coherence. A database is preferably provided for storage of the receive location information and the age.